

1. The project is located at Camp Hartell, Windsor Locks, Connecticut. The scope of work includes all work in the areas indicated on the attached drawings.
2. The work will include all labor, material and equipment needed to clean 5,600 linear feet of existing sanitary sewer and 23 sanitary manholes and the repair of sanitary sewer problems in the four (4) areas as shown on attached plan.
3. The sanitary sewer lines and manholes will be cleaned by hydraulic flushing with the flushed material removed by vacuuming from the sanitary manhole structures. When needed, mechanical cleaning of heavy materials will be permitted. The removed material will be disposed of off site and by the contractor as part of this contract.

4. SANITARY SEWER REPAIRS

5. AREA #1: This area has an existing 8" sanitary sewer that is blocked between SMH #20 and SMH#17. Briefly the work required is to pump out any backed up sewage in SMH 20, excavate the existing line to find the location of the blockage and to remove and replace blocked 8" pipe with SDR 35 PVC pipe with suitable bedding materials and repair connections (FERNCO) to the existing 8" pipe.
6. AREA #2: This area has an existing sanitary sewer lateral leading from the southwest corner of Building T-1016 to SMH#14. Remove and replace existing clay pipe in this area and replace with SDR 35 PVC piping with suitable bedding materials. This project will include masonry patching around existing lateral penetration at SMH #14, hot patching of any paving damaged by excavation and the installation of a cleanout at the western end of the new lateral and connections to existing piping within 1' of Building T-1016.
7. AREA #3: This area has a blocked sanitary sewer lateral connection at the northeast corner the P-106 to the existing 8" sanitary sewer line. Remove and replace the blocked sanitary lateral with new SDR 35 PVC pipe with suitable bedding and repair connections (FERNCO) to the existing 8" pipe. An approved reinforced chimney structure will be installed around the connection to within 4' of the finished grading. Existing piping from Building T-106 will be reconnected to within 1' of Building T-106.
8. AREA#4: This area has a blocked sanitary sewer lateral from Building T-1033 to SMH #5. Remove and replace the existing sanitary sewer lateral with SDR 35 PVC pipe with suitable bedding material and repair connections (FERNCO). This project will include masonry patching around existing lateral penetration at SMH#5. A cleanout will be installed at the southerly end of the new piping and the existing piping from Building T-1-33 will be reconnected to within 1' of the building.

Sanitary Sewer Repair
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9. REPLACING SANITARY SEWER MANHOLES COVERS: Precast concrete covers will be installed at sanitary sewer manholes # 9, 12 and 23. A cast iron frame and cover will be installed at SMH #1 and include required masonry work for that installation